Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 20 Aug 2020 until 23:59 on Friday 21 Aug 2020

Forecast Issued on Wednesday 19 Aug 2020 at 17:01

Confidence: High confidence for an unseasonably windy spell of weather with periods of heavy rain and squally showers at times. Medium confidence for maximum wind gusts, especially on Friday.

Headline for Thursday 20 Aug 2020: Wet and windy for a time overnight. Breezy and often sunny through the day.

Mountain weather hazards on Thursday 20 Aug 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Heavy Rain	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Sunny intervals	Partly cloudy (night)
Precipitation probability							
10%	>95%	<05%	00%	<05%	<05%	<05%	<05%

Forecast for Thursday 20 Aug 2020

Weather: Squally winds accompany a band of heavy rain during the early hours of the morning, but this clears to leave a dry start to the day with increasing amounts of sunshine. Long sunny spells continue through the morning and afternoon and it remains dry, but it will be rather windy throughout. Partly cloudy and dry into the evening with freshening southerly winds.

Chance of cloud free mountain/hill tops above 600m: 20%, with widespread cloud obscuring hills above around 400m until squally rain clears during the early hours. Then near 100% for the rest of the day with all cloud remaining above the hill tops.

Visibility: Poor overnight for a time with low cloud and heavy rain, but excellent clarity of all hills through the day.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 20 Aug 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/29 SE	24/35 SW	21/31 SW	22/32 S	21/32 S	19/29 S	17/27 S	22/35 S	25/38 S
300	11/26 SE	17/36 SW	13/31 SW	14/28 S	16/30 S	14/27 S	11/25 S	14/32 S	16/35 S
Valley	9/22 SE	14/32 S	10/26 S	14/29 S	14/29 S	13/27 S	11/26 SE	14/32 SE	18/39 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/11	14/10	11/7	12/9	15/11	16/12	15/12	14/10	13/9
300	16/15	16/13	13/10	16/13	18/15	19/16	17/16	16/13	15/12
Valley	17/17	17/15	14/12	17/14	20/17	20/18	19/17	17/14	16/13
Freezing Level*	3300m	2000m	2000m	2300m	2300m	2500m	2700m	2700m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds on hill tops overnight may approach 50mph in association with the band of overnight heavy rain. Strong winds during the day, following the heavy rain previously fallen during the night will lead to poor descent conditions on Thursday for those on hills. Strong sunshine into the afternoon means suncream is necessary.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 19 Aug 2020	0.4mm	13mm	25.6mm

Forecast for Friday 21 Aug 2020

Weather: Very windy overnight and becoming mostly cloudy, but probably staying dry. Intermittent rain early morning, but then a spell of short-lived heavy, squally rain is expected late morning and early afternoon with very strong winds. This clears to scattered showers and sunny or clear spells through the rest of the day, whilst winds gradually ease.

Maximum wind: South to south-easterly 35-40mph, with gusts 50-55mph, increasing south to south-westerly 40-45 mph, with 55-60 mph gusts on hill tops during the morning. Winds 30-35mph with gusts 40-50mph from mid-afternoon.

Chance of cloud free mountain/hill tops above 600m: 90% overnight and during the morning, temporarily reducing to 60% as the squally heavy band of rain passes through during the morning and afternoon. 90% thereafter.

Visibility: Very good views of distant hills in general. Nearby hills appearing as feint outlines as heavy rain passes through late morning or early afternoon, although even nearby hills may become obscured briefly in any intense rain, or low cloud on hill tops.

Temperature: **Valleys:** Plus 14 becoming Plus 18 Celsius.
At 600m: Plus 12 becoming Plus 14 Celsius.
Freezing level: Above the summits.

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